

**WEST**

## Freeform Search

**Database:**

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Term:**

112 and (anode or negative electrode) and (cathode  
or positive electrode) and (ion exchange membrane  
or polymer electrolyte or proton exchange  
membrane)

**Display:**  **Documents in Display Format:**  **Starting with Number** **Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Help

Logout

Interrupt

Main Menu

Show S Numbers

Edit S Numbers

Preferences

Cases

---

### Search History

---

**DATE:** Tuesday, January 21, 2003   [Printable Copy](#)   [Create Case](#)

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L13</u>	l12 and (anode or negative electrode) and (cathode or positive electrode) and (ion exchange membrane or polymer electrolyte or proton exchange membrane)	3	<u>L13</u>
<u>L12</u>	L11 with oxidant with fuel	82	<u>L12</u>
<u>L11</u>	l1 with fuel cell	229	<u>L11</u>
<u>L10</u>	L9 not l2	3	<u>L10</u>
<u>L9</u>	L7 same fuel cell	3	<u>L9</u>
<u>L8</u>	L1 same fuel cell	298	<u>L8</u>
<u>L7</u>	L1 same excess near2 fuel	14	<u>L7</u>
<u>L6</u>	L1 same excess fuel	11	<u>L6</u>
<u>L5</u>	L2 and fuel cell	1	<u>L5</u>
<u>L4</u>	L2 same fuel cell	0	<u>L4</u>
<u>L3</u>	L2 with fuel cell	0	<u>L3</u>
<u>L2</u>	L1 with excess fuel	3	<u>L2</u>
<u>L1</u>	catalytic near2 (reacter or combustor or burner)	1853	<u>L1</u>

END OF SEARCH HISTORY